

115TH CONGRESS  
1ST SESSION

# H. R. 301

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JANUARY 5, 2017

Mr. CARTWRIGHT (for himself, Mr. TONKO, Ms. SLAUGHTER, Mr. SERRANO, Ms. NORTON, Mr. QUIGLEY, and Mr. CÁRDENAS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

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## A BILL

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “NIST Plumbing Re-  
5       search Act of 2017”.

6       **SEC. 2. PREMISE PLUMBING RESEARCH.**

7       Not later than one year after the date of the enact-  
8       ment of this Act, the Director of the National Institute

1 of Standards and Technology (in this Act, referred to as  
2 “NIST”) shall—

3                 (1) establish or designate a laboratory to con-  
4                 duct research on premise plumbing in relation to  
5                 water safety, security, efficiency, sustainability, and  
6                 resilience;

7                 (2) conduct an organizational review of all re-  
8                 search and other activities related to premise plumb-  
9                 ing conducted by Federal entities; and

10                 (3) appoint one or more officers or employees of  
11                 the National Institute of Standards and Technology  
12                 to liaise with non-Federal entities conducting re-  
13                 search or other activities related to premise plumb-  
14                 ing.

15 **SEC. 3. REPORT.**

16                 Not later than 4 years after the date of the enact-  
17                 ment of this Act, and every 4 years thereafter, the Direc-  
18                 tor of NIST shall submit to Congress a report on the  
19                 progress made by NIST regarding—

20                 (1) the status of the laboratory described in  
21                 paragraph (1) of section 2, including any staff des-  
22                 ignated to work in such laboratory;

23                 (2) all projects of NIST related to premise  
24                 plumbing, including completed projects, projects in  
25                 progress, and projects planned for the future;

1                   (3) updates to data relevant to premise plumb-  
2                   ing system structure, design, and construction; and  
3                   (4) any progress of private organizations in up-  
4                   dating premise plumbing standards.

5 **SEC. 4. DEFINITION.**

6                  In this Act, the term “premise plumbing” means the  
7                  water distribution system located within the property lines  
8                  of a property, including all buildings and permanent struc-  
9                  tures on such property. Such term includes building sup-  
10                 ply and distribution pipes, fixtures, fittings, water heaters,  
11                 water-treating and water-using equipment, and all respec-  
12                 tive joints, connections, devices, and appurtenances.

